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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/725,010

DATE: 11/13/2002
 TIME: 14:25:21

Input Set : A:\23878005.txt
 Output Set: N:\CRF4\11132002\I725010.raw

#8/K.T.
 11/19
 R20
 Seq.
 Listing

3 <110> APPLICANT: SUNDSTROM, PAULA
 5 <120> TITLE OF INVENTION: METHODS FOR ALTERING THE EXPRESSION OF HYPHAL-SPECIFIC
 6 GENES
 8 <130> FILE REFERENCE: 23878.0005
 10 <140> CURRENT APPLICATION NUMBER: US 09/725,010
 11 <141> CURRENT FILING DATE: 2000-11-29
 13 <150> PRIOR APPLICATION NUMBER: 60/167,672
 14 <151> PRIOR FILING DATE: 1999-11-29
 16 <160> NUMBER OF SEQ ID NOS: 11
 18 <170> SOFTWARE: PatentIn Ver. 2.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 1470
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Candida albicans
 25 <400> SEQUENCE: 1

ENTERED

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 27 gataaatgtt gattttgtgt aattcaatca actaagcacg tttgacagtt aaaaagtacg 120
 28 ttgtttgtgt cctcgtctcg tctaatttct gttgacgagg attaataaca agaaatacag 180
 29 gaaaccctcc aaaaaaaaaa ttttggacct tacacgcaca taaattgagg ataaacttgc 240
 30 cataataaaa actctttgaa acatacgata tgttattctt ttcataactg gaatattttt 300
 31 gctttttttt aacattatga acaattgaaa aaaaaaggaa atgaaaagggt aagagttgcc 360
 32 taaccattga aaataatagg ctaagggttt tcttgatgag tttaactaaa aaggaaataa 420
 33 caaaagttat tagcgataac ctgcgtaagg tgtcaacaaa atatatatttg cactgtagct 480
 34 ctatagaaaa tatacaaact aaatccttaa ggaatttcct ctatatataa taggaaatcc 540
 35 ctctcacagt gaactgaatt atccatctga attatcagtc cactaattcc atcaataaaa 600
 36 tagattagtg tattgttctc ttcagtacaa ttactaccat tatgcaatgc tagcttattg 660
 37 ttcataatta gccatgttgc acacccta atcgaaacatta actgtatcca tatttttctt 720
 38 gtccttcttt gtttttttct aacaaaaatg tccagaatt ttttaaaaaa tatttgaaaa 780
 39 aacacataac actttgagta tgataatata aactattgac ttgttttgaa agtaaagaat 840
 40 caaatttttt tctaactcga ctaatgcact ttacatcaac tggatgttat ttgcatctac 900
 41 tactataagc tcaaacaaat tatctttcaa aaatgttata attaacaagt catctataat 960
 42 tcttttgatc caaaaacaag gaattcgga attctgacga taaatgtcga ctcaaatcc 1020
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 44 tctaaaacaa acacaacctt tctaaaacct ataataataa ccctaattggc tcacaaccgg 1140
 45 gataagttag ttagcccagc tgtttttttt ttgccttatt tttatgacta cattttgttt 1200
 46 cactttttgt tgcgaactta ataccgtttt tgcaacttct ctttgtatca cctgtatccg 1260
 47 ccttttttaa catagcaact cttgtaaagt ccttttcttt tcccactatt ttatcattct 1320
 48 tgaaatatgt aatcagaata gtttttcaaa aactataaat aacgggtcaaa ataaccggct 1380
 49 attttcaatt tccattcaac ttgttttctc aacaatatca aacacaacag gaatctccta 1440
 50 tagtcaactg ctttttagttt cgtcaatatg 1470
 53 <210> SEQ ID NO: 2
 54 <211> LENGTH: 50
 55 <212> TYPE: PRT

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56 <213> ORGANISM: Candida albicans
58 <400> SEQUENCE: 2
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60 1 5 10 15
62 Gln Gly Gln Pro Leu Cys Asn Ala Cys Gly Leu Phe Leu Lys Leu His
63 20 25 30
65 Gly Val Val Arg Pro Leu Ser Leu Lys Thr Asp Val Ile Lys Lys Arg
66 35 40 45
68 Gln Arg
69 50
72 <210> SEQ ID NO: 3
73 <211> LENGTH: 50
74 <212> TYPE: PRT
75 <213> ORGANISM: Candida albicans
77 <400> SEQUENCE: 3
78 Cys Thr Asn Cys Phe Thr Gln Thr Thr Pro Leu Trp Arg Arg Asn Pro
79 1 5 10 15
81 Asp Gly Gln Pro Leu Cys Asn Ala Cys Gly Leu Phe Leu Lys Leu His
82 20 25 30
84 Gly Val Val Arg Pro Leu Ser Leu Lys Thr Asp Val Ile Lys Lys Arg
85 35 40 45
87 Asn Arg
88 50
91 <210> SEQ ID NO: 4
92 <211> LENGTH: 1438
93 <212> TYPE: DNA
94 <213> ORGANISM: Candida albicans
96 <400> SEQUENCE: 4
97 taattctaata aactgatact aagttttgtt cctttttttt ggattttcttt tttttctaata 60
98 tttgattgtt tttcaatttt gggttttcaa tattattgac aagagtcatt ttattgaata 120
99 tttgttttgt ttactacatt aaagggtgata ggtactttta gtttttaaaa attgttttgt 180
100 tcaaattgtt tatctttttt ttctttttct acttgctttg ttttctgttt tctggttcata 240
101 gttgatagct tttaataaat accccttttt ttttacaata gttagtctta agcttattca 300
102 gtggtttaata tggtagaaaa tgtgagctct gtagcttatg gtatcttcta tagcaatata 360
103 tttaacttgg acatagttca ttattctgga cgcatagaagg tgcaaagtca aaaagtgaga 420
104 atatgcaaag aggttaattag atttctgtcc tattaattaa caaaaaatct atatatagac 480
105 tgcaatattt aataccccc aagtttgatt ctataatcct tctgatttcta taaagatata 540
106 accatgaatc atgagtaaat accaaataga ttaatagtag aatctgtatg gtcgtgtaaa 600
107 gctgttcatt aaaaactatt gatttaaatt tccccttcct cgtaatctct ttttttttgg 660
108 gggggaggat cagccgcaat aaaagattga aaattattaa acaaaacaac aaaacgggaa 720
109 accggaaacc tgagaaaaag aaagaaagaa ggaaaacttt tgtaagata ttaaatttta 780
110 cgaagcaaat ttaaaatcca tacttaacaa ttattgttat tacgtacttc aacagggaaa 840
111 gaaaaagtta agattttaaa tctctttatt cctttctttc ttttattatt atttaccctt 900
112 aatataaatg tcaaaacaag atccacctcc agattatata aataggacat cagataatta 960
113 taaccagat acaactgata atcataatat tctccacct ttcaactact atcctataga 1020
114 ggttcatcca ccaccattct cctcttctac ttcacctaat atccgtgtgc cagcatattt 1080
115 tcaaaatcaa actacttcag gatggacaat agtaataaat aatcgatttt ggactgatgg 1140
116 attcaggata tttgtttccg aagatgcac taataagttt gatgccttca aaaaaagtaa 1200
117 aaatcccgaataatacaat tacaagaaca aggtattgga gtaccgttat ttaaagctgt 1260

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118 cacgtcatat attcccttag caacaaaatt tataacgttt agaagatatg tccctactaa 1320
119 ttacatcca ttgatattg ataaagatta ttatgattat tgtattgta aacggaaatt 1380
120 acacgttgga tatgatagtt atatatttga atttactoct gatcgagaat tcggatcc 1438
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124 <211> LENGTH: 32
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
130     oligonucleotide
132 <400> SEQUENCE: 5
133 ggctcgaggg accttacacg cacataaatt gc 32
136 <210> SEQ ID NO: 6
137 <211> LENGTH: 32
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
143     oligonucleotide
145 <400> SEQUENCE: 6
146 ggctcgagca aaagttatta gcgataacct gc 32
149 <210> SEQ ID NO: 7
150 <211> LENGTH: 32
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
156     oligonucleotide
158 <400> SEQUENCE: 7
159 ggctcgaggt gtattgttct cttcagtaca tt 32
162 <210> SEQ ID NO: 8
163 <211> LENGTH: 32
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
169     oligonucleotide
171 <400> SEQUENCE: 8
172 ggctcgagct cgactaatcg actttacatc aa 32
175 <210> SEQ ID NO: 9
176 <211> LENGTH: 29
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
182     oligonucleotide
184 <400> SEQUENCE: 9
185 ggctcgagat gtcgactcac aattcattg 29
188 <210> SEQ ID NO: 10
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189 <211> LENGTH: 28
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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202 <211> LENGTH: 29
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
208     oligonucleotide
210 <400> SEQUENCE: 11
211 ggctcgagca tagcaactct tqtaaaqtc                29

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VERIFICATION SUMMARY

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